Pollen Historical - v3

Domain Portfolio: Lifestyle | Domain: Health | Usage Classification: Standard

Geography: U.S. Only **Attribution Required:** No **Attribution Requirements:** N/A

Overview

The historical pollen API provides historical indices for Grass, Ragweed, and Tree pollen. For the specified time period.

HTTP Headers and Data Lifetime - Caching and Expiration

For details on appropriate header values as well as caching and expiration definitions, please see **The Weather Company Data | API Common Usage Guide**.

Note: Data to be used with this API is available from 2013-12-12 16:00 Z to present.

Atomic Endpoints	Aggregate Product Names
v3/wx/indices/pollen/historical/1month	v3-wx-indices-pollen-historical-1month
v3/wx/indices/pollen/historical/1week	v3-wx-indices-pollen-historical-1week
v3/wx/indices/pollen/historical/1day	v3-wx-indices-pollen-historical-1day

URL Construction

Request by Geocode: Required Parameters: geocode, language, format,yearMonth (1month), weekOf (1week), date (1day), apiKey https://api.weather.com/v3/wx/indices/pollen/historical/**1month**?**geocode=<geocode>**&language=<language>&format=<format>&**yearMonth=<yearMonth>**&**apiKey=<apiKey>**
https://api.weather.com/v3/wx/indices/pollen/historical/**1month**?**geocode=33.33,-83.22**&language=en-US&format=json&**yearMonth=201708**&**apiKey=yourApiKey**
Request by IATA Code: Required Parameters: iataCode, language, format, yearMonth (1month), weekOf (1week), date (1day), apiKey https://api.weather.com/v3/wx/indices/pollen/historical/**1month**?**iataCode=<iataCode>**&language=<language>&format=<format>&**yearMonth=<yearMonth>**&**apiKey=<apiKey>**
https://api.weather.com/v3/wx/indices/pollen/historical/**1month**?**iataCode=LGA**&language=en-US&format=json&**yearMonth=201708**&**apiKey=yourApiKey**
Request by ICAO Code: Required Parameters: icaoCode, language, format, yearMonth (1month), weekOf (1week), date (1day), apiKey https://api.weather.com/v3/wx/indices/pollen/historical/**1month**?**icaoCode=<icaoCode>**&language=<language>&format=<format>&**yearMonth=<yearMonth>**&**apiKey=<apiKey>**
https://api.weather.com/v3/wx/indices/pollen/historical/**1month**?**icaoCode=KATL**&language=en-US&format=json&**yearMonth=201708**&**apiKey=yourApiKey**
Request by Place ID: Required Parameters: placeid, language, format, yearMonth (1month), weekOf (1week), date (1day), apiKey https://api.weather.com/v3/wx/indices/pollen/historical/**1month**?**placeid=<placeid>**&language=<language>&format=<format>&**yearMonth=<yearMonth>**&**apiKey=<apiKey>**
https://api.weather.com/v3/wx/indices/pollen/historical/**1month**?**placeid=ee0214ae7fb1d265f3e4d2509e77557119b2cac9d0ac1013b593c74a1567f2b7**&language=en-US&format=json&**yearMonth=201708**&**apiKey=yourApiKey**

Request by Postal Key: Required Parameters: postalKey, language, format, yearMonth (1month), weekOf (1week), date (1day), apiKey
https://api.weather.com/v3/wx/indices/pollen/historical/**1month**?**postalKey=<postalKey>**&language=<language>&format=<format>&**yearMonth=<yearMonth>**&**apiKey=<apiKey>**

https://api.weather.com/v3/wx/indices/pollen/historical/**1month**?**postalKey=30339:US**&language=en-US&format=json&**yearMonth=201708**&**apiKey=yourApiKey**

Valid Parameter Definitions

Parameter Name	Valid Parameter Value	Description
weekOf	YYYYMMDD	Only valid for 1week endpoint. The weekOf parameter is used to call specific week requests - used for API requesting past or historical data requests. Dates are requested using date format “YYYYMMDD”. This would be used for example if a product returns xx number of days of historical content beginning the week of a given start date, weekOf=YYYYMMDD’ will allocate a start date equal to the Monday start of the week for any date that falls within a week (starting the date of the full week starting on Monday). Example: weekOf=YYYYMMDD and that specific date is on a Wednesday, then the date will be interpreted as the Monday of that week.
yearMonth	YYYYMM	Only valid for 1month endpoint. The yearMonth parameter is used to call specific months - used for API requesting past or historical data requests. The format is “YYYYMM”.
date	YYYYMMDD	Only valid for 1day endpoint. The date parameter is used to call specific dates requests - used for API requesting past or historical data requests. Dates are requested using date format “YYYYMMDD”.

Data Elements & Definitions

Field Name	Description	Type	Range	Sample	Nulls Allowed
reportTimeLocal	The report date in local apparent time.	[ISO]	ISO 8601 - YYYY-MM-DDTHH:MM:SS-NNNN; NNNN=GMT offset	2014-08-20T10:47:59-05:00	N
grassPollenDescription	Descriptive text of Grass Pollen Index	[string]		low	Y
grassPollenIndex	Forecast Grass Pollen Index. 0=none / out of season, 1=low, 2=moderate, 3=high, 4=very high	[integer]	0-4	1	Y
ragweedPollenDescription	Descriptive text of Ragweed Pollen Index	[string]		low	Y
ragweedPollenIndex	Forecast Ragweed Pollen Index. 0=none / out of season, 1=low, 2=moderate, 3=high, 4=very high	[integer]	0-4	1	Y
treePollenDescription	Descriptive text of Tree Pollen Index	[string]		low	Y
treePollenIndex	Forecast Tree Pollen Index. 0=none / out of season, 1=low, 2=moderate, 3=high, 4=very high	[integer]	0-4	1	Y

JSON Sample

// Response Collapsed for Presentation Purposes

{
reportTimeLocal: ["2017-08-10T12:28:37-04:00","2017-08-11T12:28:37-04:00","2017-08-12T12:28:37-04:00"],
treePollenIndex: [1,0,null],
treePollenDescription: [“low”, “none”, null],

grassPollenIndex: [1,0,null],
grassPollenDescription: [“low”, “none”, null],
ragweedPollenIndex: [1,2,null]
ragweedPollenDescription: [“low”, “moderate”, null]
}